



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hiroaki Ichikawa  
Appl. No.: 10/531,369  
Conf. No.: Unknown  
Filed: April 14, 2005  
Title: LIQUID CRYSTAL DISPLAY APPARATUS AND BACKLIGHT  
ADJUSTMENT METHOD  
Art Unit: Unknown  
Examiner: Unknown  
Docket No.: 112857-566

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 37 C.F.R. 1.97, and 37 C.F.R. 1.98, Applicants request that a citation and examination of the references cited below, and on the attached PTO-1449 form be made during the course of examination of the above-identified application for United States patent. Pursuant to 37 C.F.R. 1.98, copies of all foreign patent documents and non-patent documents are enclosed.

**FOREIGN PATENT DOCUMENTS**

| <u>Document No.</u> | <u>Date</u>        | <u>Country</u> |
|---------------------|--------------------|----------------|
| 64-006927           | January 11, 1989   | Japan          |
| 02-034817           | February 5, 1990   | Japan          |
| 03-153211           | July 1, 1991       | Japan          |
| 03-249622           | November 7, 1991   | Japan          |
| 03-274020           | December 5, 1991   | Japan          |
| 03-278023           | December 9, 1991   | Japan          |
| 05-232450           | September 10, 1993 | Japan          |
| 10-020277           | January 23, 1998   | Japan          |
| 10-050124           | February 20, 1998  | Japan          |
| 2000-122574         | April 28, 2000     | Japan          |
| 2001-265296         | September 28, 2001 | Japan          |
| 2002-072920         | March 12, 2002     | Japan          |
| 2002-324685         | November 8, 2002   | Japan          |

Applicants are also enclosing herewith a copy of the English translation of the International Search Report for International Application No. PCT/JP2004/015956 that corresponds to the present application.

Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

\_\_\_\_\_  
Thomas C. Basso  
Reg. No. 46,541  
Customer No. 29175

Dated: July 26, 2005

|   |                                 |                               |
|---|---------------------------------|-------------------------------|
| <b>INFORMATION DISCLOSURE CITATION</b><br><b>IN AN APPLICATION</b><br>(Use several sheets if necessary)<br>JUL 28 2005<br>PATENT & TRADEMARK OFFICE | Atty Docket No.<br>112857-566   | Application No.<br>10/531,369 |
|   | Applicant<br>Hiroaki Ichikawa   |                               |
|   | Filing Date<br>October 21, 2004 | Group<br>Unknown              |

| U.S. PATENT DOCUMENTS  |                    |                     |          |       |          |                                  |
|------------------------|--------------------|---------------------|----------|-------|----------|----------------------------------|
| Examiner's<br>Initials | Document<br>Number | Publication<br>Date | Inventor | Class | Subclass | Filing Date<br>If<br>Appropriate |
|                        |                    |                     |          |       |          |                                  |
|                        |                    |                     |          |       |          |                                  |
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| FOREIGN PATENT DOCUMENTS |                    |                     |         |       |          |             |    |
|--------------------------|--------------------|---------------------|---------|-------|----------|-------------|----|
| Examiner's<br>Initials   | Document<br>Number | Publication<br>Date | Country | Class | Subclass | Translation |    |
|                          |                    |                     |         |       |          | Yes         | No |
|                          | 64-006927          | January 11, 1989    | Japan   |       |          |             |    |
|                          | 02-034817          | February 5, 1990    | Japan   |       |          |             |    |
|                          | 03-153211          | July 1, 1991        | Japan   |       |          |             |    |
|                          | 03-249622          | November 7, 1991    | Japan   |       |          |             |    |
|                          | 03-274020          | December 5, 1991    | Japan   |       |          |             |    |
|                          | 03-278023          | December 9, 1991    | Japan   |       |          |             |    |
|                          | 05-232450          | September 10, 1993  | Japan   |       |          |             |    |
|                          | 10-020277          | January 23, 1998    | Japan   |       |          |             |    |
|                          | 10-050124          | February 20, 1998   | Japan   |       |          |             |    |
|                          | 2000-122574        | April 28, 2000      | Japan   |       |          |             |    |
|                          | 2001-265296        | September 28, 2001  | Japan   |       |          |             |    |
|                          | 2002-072920        | March 12, 2002      | Japan   |       |          |             |    |
|                          | 2002-324685        | November 8, 2002    | Japan   |       |          |             |    |

| Examiner's<br>Initials | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |
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| Examiner:  | Date Considered: |
| *Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                  |

|   |                |          |              |                          |                  |
|---|----------------|----------|--------------|--------------------------|------------------|
| <b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b><br>(Under 37 CFR 1.97(b) or 1.97(c))   |                |          |              | Docket No.<br>112857-566 |                  |
| In Re Application Of: <b>Hiroaki Ichikawa</b>   |                |          |              |                          |                  |
| Application No.   | Filing Date    | Examiner | Customer No. | Group Art Unit           | Confirmation No. |
| 10/531,369  | April 14, 2005 | Unknown  | 29175        | Unknown                  | Unknown          |
| Title: <b>LIQUID CRYSTAL DISPLAY APPARATUS AND BACKLIGHT ADJUSTMENT METHOD</b>  |                |          |              |                          |                  |
| Address to:<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450   |                |          |              |                          |                  |
| <b>37 CFR 1.97(b)</b>   |                |          |              |                          |                  |
| 1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. |                |          |              |                          |                  |
| <b>37 CFR 1.97(c)</b>   |                |          |              |                          |                  |
| 2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:   |                |          |              |                          |                  |
| <input type="checkbox"/> the statement specified in 37 CFR 1.97(e);   |                |          |              |                          |                  |
| <b>OR</b>   |                |          |              |                          |                  |
| <input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).   |                |          |              |                          |                  |

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
112857-566

In Re Application: Hiroaki Ichikawa

JUL 28 2005

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|-------------------------------|-------------------------------|---------------------|-----------------------|---------------------------|-----------------------------|
| Application No.<br>10/531,369 | Filing Date<br>April 14, 2005 | Examiner<br>Unknown | Customer No.<br>29175 | Group Art Unit<br>Unknown | Confirmation No.<br>Unknown |
|-------------------------------|-------------------------------|---------------------|-----------------------|---------------------------|-----------------------------|

Title: LIQUID CRYSTAL DISPLAY APPARATUS AND BACKLIGHT ADJUSTMENT METHOD

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below.
- ☐ Charge the amount of \_\_\_\_\_
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| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on |
| July 26, 2005<br>(Date)  |
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\*This certificate may only be used if paying by deposit account.

\_\_\_\_\_  
Signature

Dated: July 26, 2005

Thomas C. Basso  
Reg. No. 46,541  
Customer No. 29175

CC: